



## ECsmart MOTOR

### FEATURES

#### NEW HIGH EFFICIENCY ECSMART MOTOR - UP TO 70% ENERGY SAVINGS WITH EC MOTORS

- High efficiency, up to 85% efficiency with watt savings of 30 to 70%
- Variable hp & speed
- 1/4 hp to 3/4 hp sizes; 1 hp to 5 hp coming soon
- Cool running and self-limiting for extreme protection and longevity
- Totally enclosed, suitable for many applications
- Available with manual or remote speed control and readout



# EC MOTORS

with User Interface for Speed Control High Efficiency

Commercial Ventilation and other air moving applications.



## PERFECTSPEED EC VENTILATION MOTOR

### FEATURES

#### MOTOR

- High Efficiency EC Motor
- Open Air Over
- Efficiency: up to 82%
- Frame: NEMA 48
- Motor output is indicated via a 7 segment LED
- Constant Speed is standard, but also available as Constant Torque
- EC Motor offers true variable speed operation and up to 70% energy savings over PSC motors
- Reverse rotation available on request

#### USER INTERFACE

- 0-10 VDC remote or on-board potentiometer
- LED display indicates RPM and percent of demand
- Powered off any line voltage from 120/208-230 V
- No separate transformer required
- 300-RPM minimum speed
- Optional remote potentiometer allows control from up to 100' away

MODEL NUMBER	HP	RPM	VOLTS	AMPS	HZ	SHELL LENGTH	SHAFT LENGTH	SHAFT DIAMETER	TOTAL LENGTH	SHIP WT. (LBS)	
8840049	1	300-1800	120/208-230V	10.2/8.1-6.1	50/60	4.5"	4.5"	0.5"	13.5"	18	
8840048	3/4	300-1800	120/208-230V	8.8/7.6-5.2	50/60	4.5"	4.5"	0.5"	13"	18	
8840047	1/2	300-1800	120/208-230V	5.6/4.5-3.2	50/60	3.5"	4.5"	0.5"	12"	12	
8840046	1/3	300-1800	120/208-230V	4.4/3.0-2.6	50/60	3.5"	4.5"	0.5"	12"	12	
8840050	1	300-1200	120/208-230V	11.5/7.9-6.9	50/60	4.5"	4.5"	0.5"	13.5"	18	
8840051	1/2	300-1200	120/208-230V	6.2/4.5-3.9	50/60	3.5"	4.5"	0.5"	12"	12	
ECsmart MOTORS	8842025-RPM18	1/4	300-1800	120/208-230/277V	TBA	50/60	7"	4.25"	0.5"	11.25"	10
	8842033-RPM18	1/3	300-1800	120/208-230/277V	TBA	50/60	7"	4.25"	0.5"	11.25"	10
	8842050-RPM18	1/2	300-1800	120/208-230/277V	TBA	50/60	7"	4.25"	0.5"	11.25"	10
	8842075-RPM10	3/4	300-1000	120/208-230/277V	TBA	50/60	7.75"	4.25"	0.5"	12"	15
	8842025-10V18*	1/4	300-1800	120/208-230/277V	TBA	50/60	7"	4.25"	0.5"	11.25"	10
	8842033-10V18*	1/3	300-1800	120/208-230/277V	TBA	50/60	7"	4.25"	0.5"	11.25"	10
	8842050-10V18*	1/2	300-1800	120/208-230/277V	TBA	50/60	7"	4.25"	0.5"	11.25"	10
	8842075-10V10	3/4	300-1000	120/208-230/277V	TBA	50/60	7.75"	4.25"	0.5"	12"	15

Please note: The above subject to change without notice as it is still in development stages.

\*RPM Readout (included on RPM models) - Display with built in potentiometer available as an accessory for the 10V models above.

See Controls section for speed controls for above motors.